

## ABSTRACT

1        A method and system for improved backhaul efficiency dynamically assigns  
2    packet based backhaul channels in a cellular communications system which  
3    includes at least one wireless repeater and a base station. The method and system  
4    can perform packet based backhaul communications regardless of the translating  
5    repeater to mobile communications format used. The method and system can also  
6    use a single backhaul channel to transmit packets between multiple repeaters and  
7    the base station.